

Federal Communications Commission

I must oppose the Light Squared proposal. I use GPS in emergency communications both as an amateur radio operator and as a fire department employee for the City and County of Denver. (I do not speak officially for the Fire Department.)

GPS provides the timing signals that synch up our multi site communications system for the city.

GPS provides a limited but still useful means for locating 911 cell phone callers.

GPS powers the fire department Automatic Vehicle Locating system keeping track of assets in day to day use and would be essential in a widespread emergency.

GPS is the basis of the amateur radio Automatic Packet Reporting System in use nationwide as a tool for locating assets in an emergency response.

I am sure that I do not have to prove any other reasons for keeping GPS functioning as the Commission is already aware of them.

Reading the report from Light Squared confirms that these uses and the all the other uses for GPS will be severely impacted by the interference from the proposed broadband solution. The very rural communities targeted by this proposal would suffer the most with precision farming, surveying and emergency response hampered with the broadband solution proposed.

Spectrum is finite. Spectrum is precious. Broadband spectrum that kills GPS is just wrong.

Sincerely,

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